

Figure 1 shows the frequency spectrum of ADSL signals.

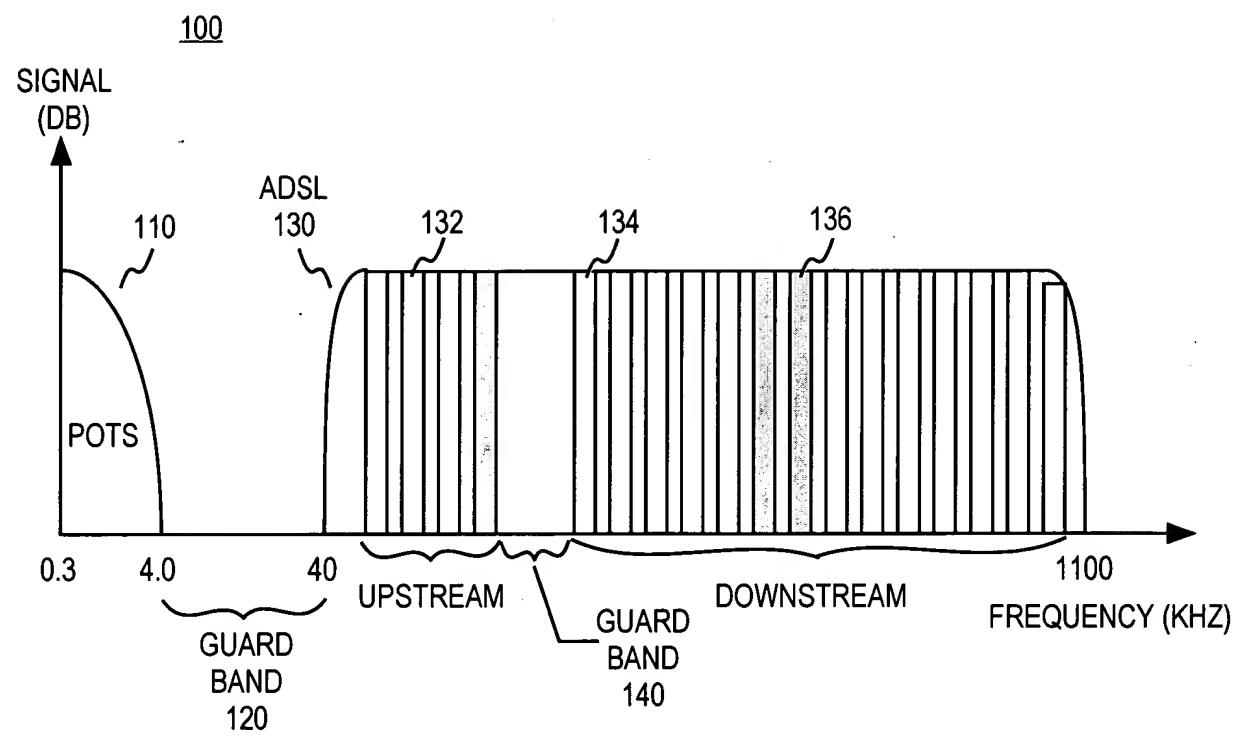


FIG. 1

FIG. 2

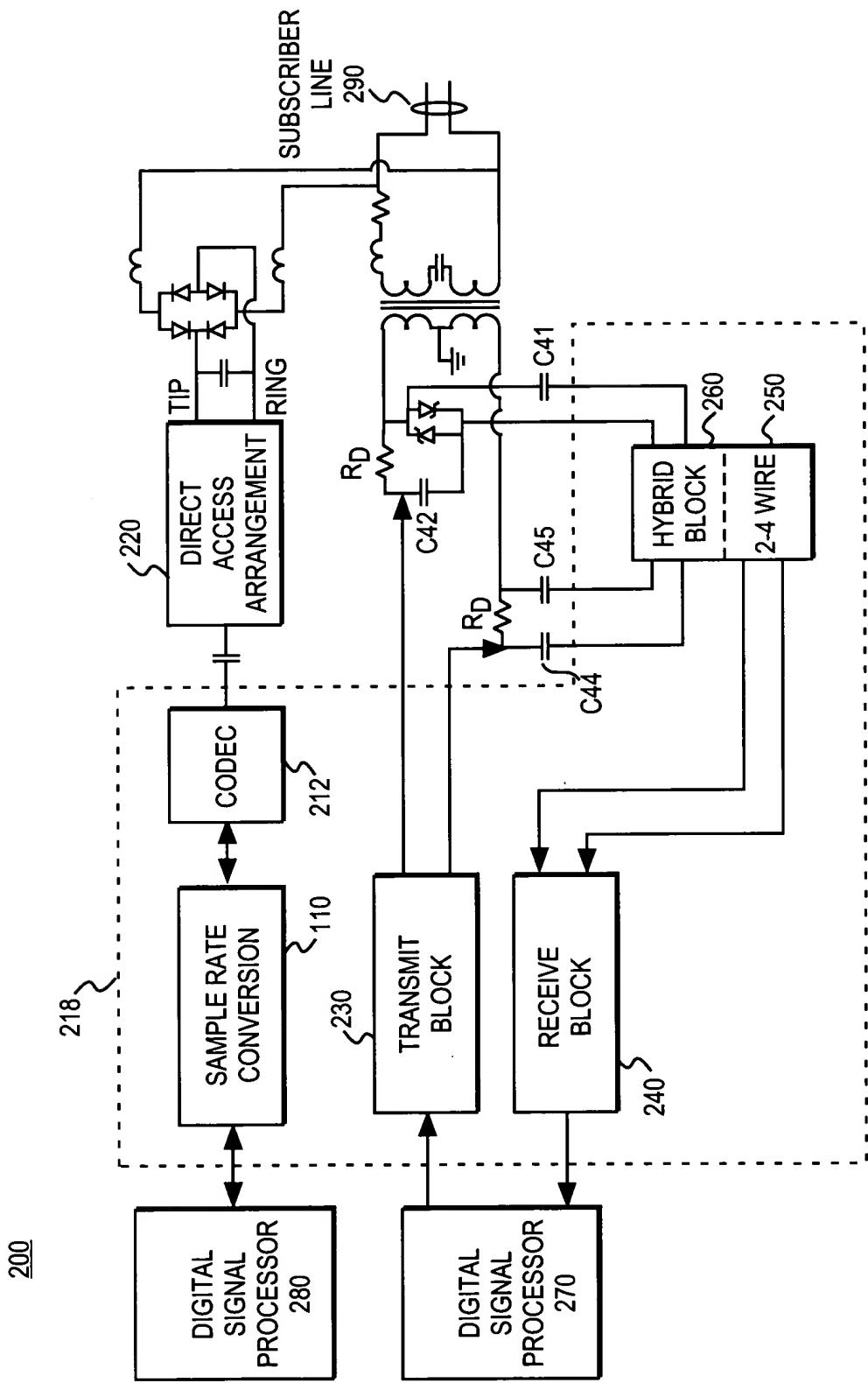


FIG. 3

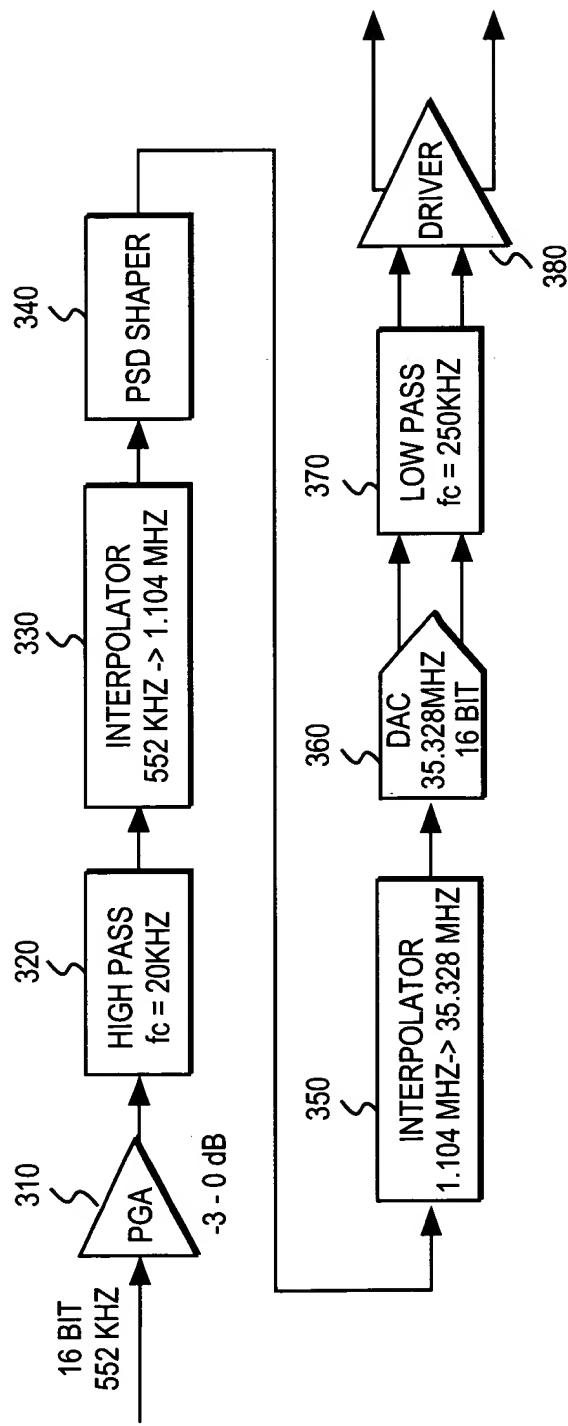
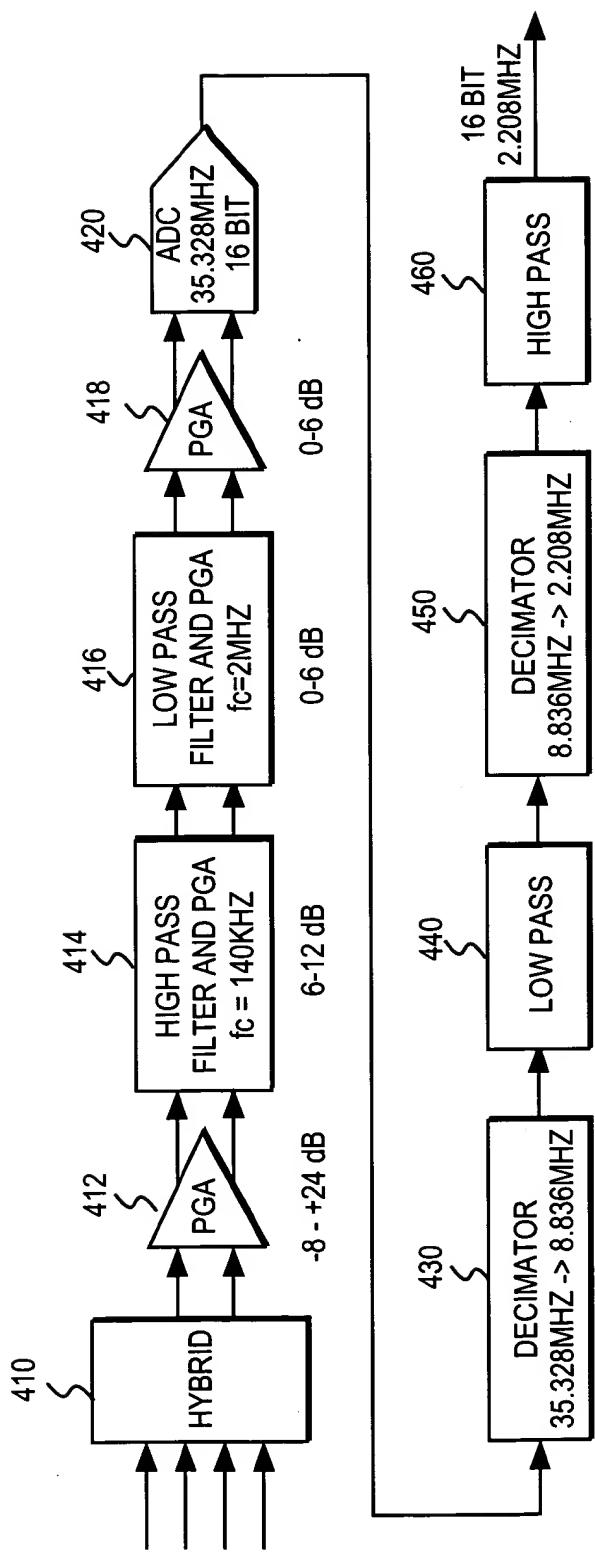


FIG. 4



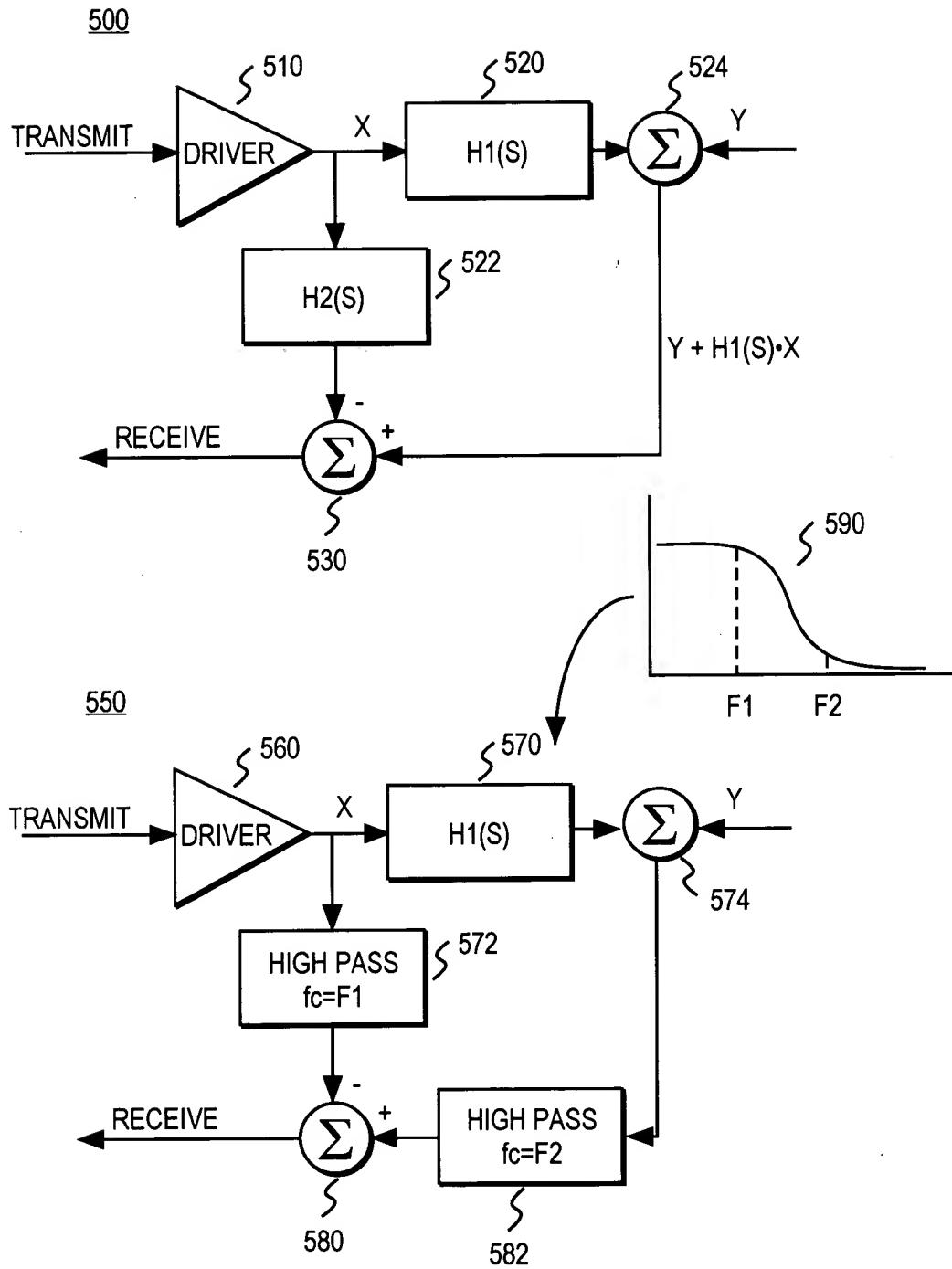


FIG. 5

FIG. 6

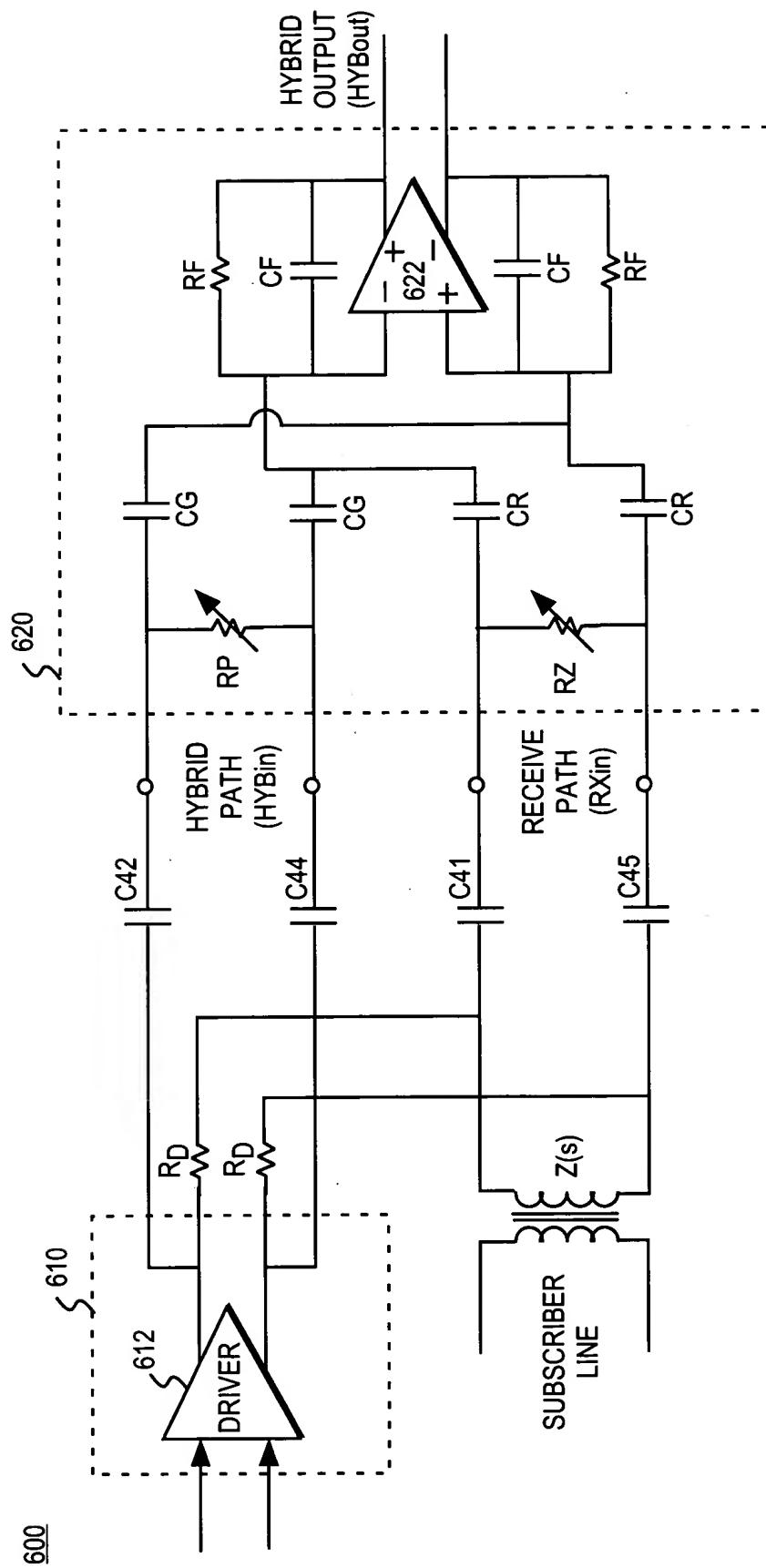


FIG. 7

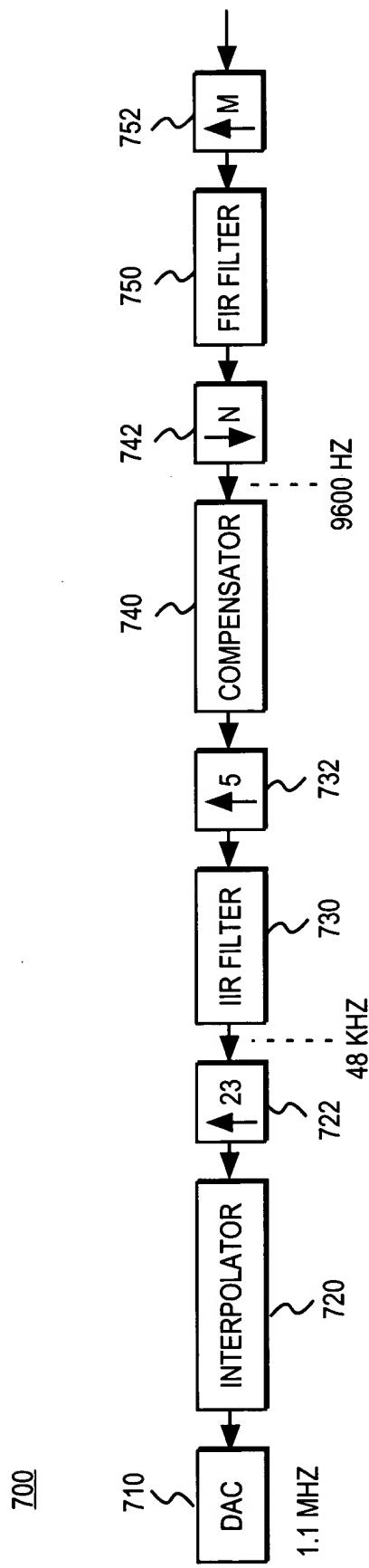
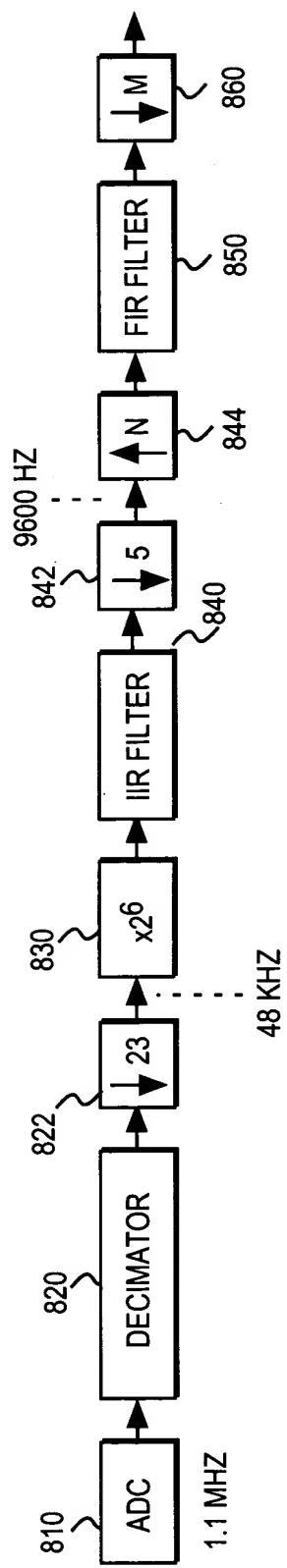


FIG. 8



900

A->D

D->A

f_i	M/N	OPT M/N	f_{audio}	N/M	N/M• f_{audio}
7200	8/6	16/12	9600	12/16	7200
8000	6/5	6/5	9600	5/6	8000
8229	7/6	14/12	9600	12/14	8228.57
8400	8/7	16/14	9600	14/16	8400
9000	16/15	16/15	9000	15/16	9000
9600	1/1	16/16	9600	16/16	9600
10,286	14/15	14/15	9600	15/14	10,285.71

FIG. 9

FIG. 10

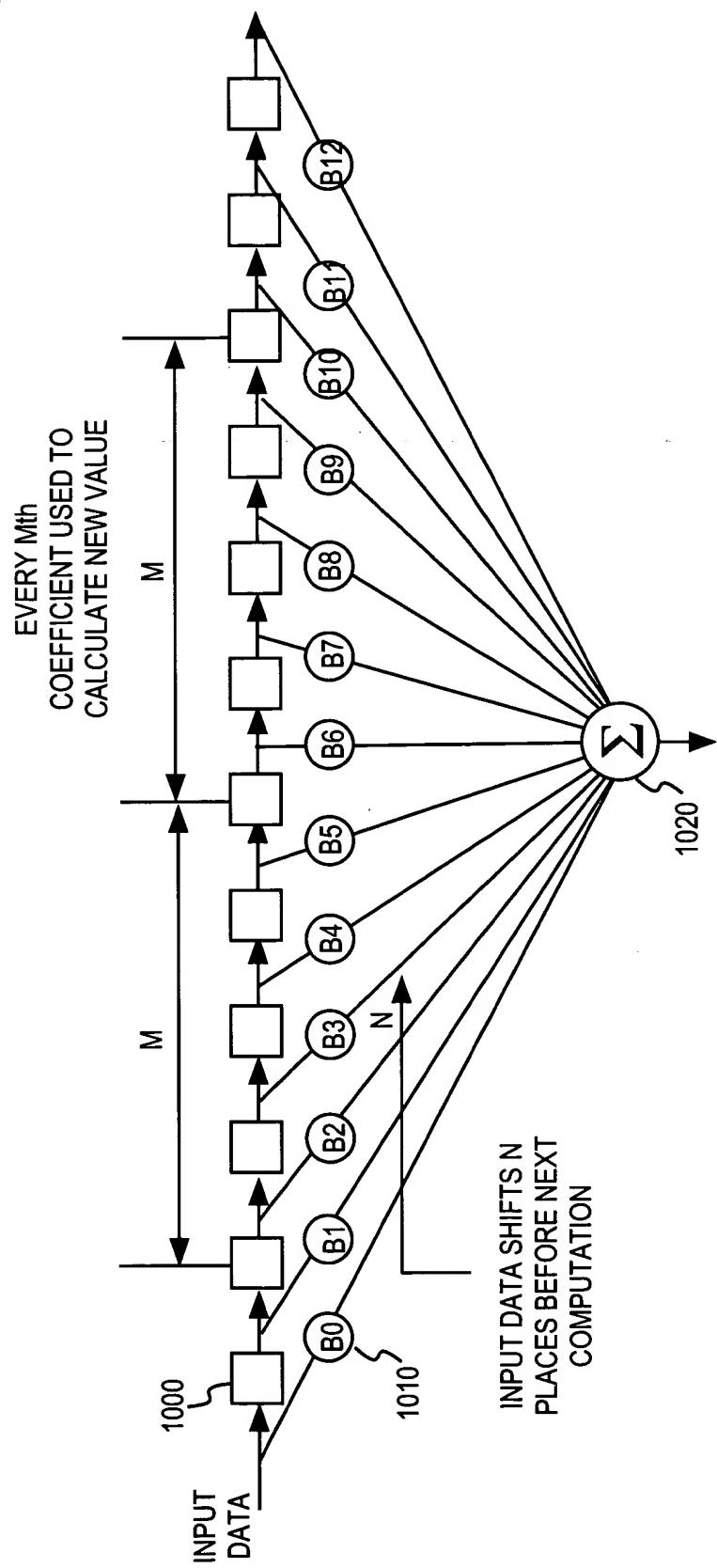


FIG. 11

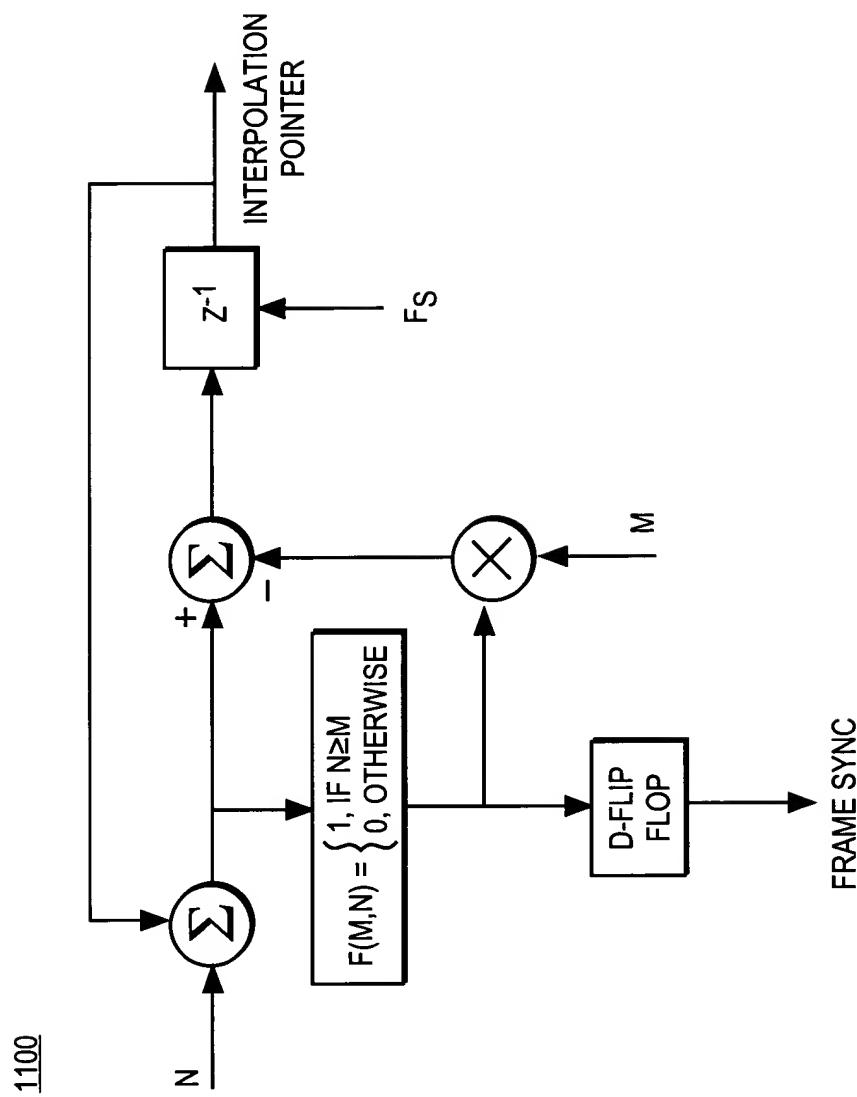


FIG. 12

